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# Accu-Feed

ENGINEERING

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## MINI-LOADERS



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## MINI-LOADER ASSEMBLIES

Add \$50.00 for the Filter Bag Assembly and Change the Assembly Number to have the Suffix -FB.

Other Machine Mounting Plates are available:

**NOTE**

83043	8" x 8"	Machine Mounting Plate
83044	10" x 10"	Machine Mounting Plate

Other Tubes for Hopper Mounting are available:

83050-01	6" Tube w/Flange for Hopper Mounting
83050-02	9" Tube w/Flange for Hopper Mounting
83050-03	12" Tube w/Flange for Hopper Mounting

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**83210 MINI-LOADER ASSEMBLY w/1 1/4" WAND INCLUDES:**

83000 Mini-Loader w/Sight Glass  
81105 Sensor  
81120 1 1/4" Wand  
81131 10 Feet of 1 1/4" Material Transfer Hose w/Clamps  
81146 10 Feet of 3/8" Air Line Tubing  
81800 Single Loader Standard Control  
83040 6" x 6" Machine Mounting Plate  
Installation & Operational Manual

**83211 MINI-LOADER ASSEMBLY w/1 1/4" WAND INCLUDES:**

83000 Mini-Loader w/Sight Glass  
81105 Sensor  
81120 1 1/4" Wand  
81131 10 Feet of 1 1/4" Material Transfer Hose w/Clamps  
81146 10 Feet of 3/8" Air Line Tubing  
83040 6" x 6" Machine Mounting Plate  
Installation & Operational Manual

**83220 MINI-LOADER HOPPER MOUNT ASSEMBLY w/1 1/4" WAND INCLUDES:**

83000 Mini-Loader w/Sight Glass  
81105 Sensor  
81120 1 1/4" Wand  
81132 15 Feet of 1 1/4" Material Transfer Hose w/Clamps  
81146 10 Feet of 3/8" Air Line Tubing  
81800 Single Loader Standard Control  
83045 6" x 6" Hopper Mounting Plate  
83050 1" Tube w/Flange for Hopper Mounting  
Installation & Operational Manual

**83221 MINI-LOADER HOPPER MOUNT ASSEMBLY w/1 1/4" WAND INCLUDES:**

83000 Mini-Loader w/Sight Glass  
81105 Sensor  
81120 1 1/4" Wand  
81132 15 Feet of 1 1/4" Material Transfer Hose w/Clamps  
81146 10 Feet of 3/8" Air Line Tubing  
83045 6" x 6" Hopper Mounting Plate  
83050 1" Tube w/Flange for Hopper Mounting  
Installation & Operational Manual



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**83230 MINI-LOADER ASSEMBLY w/1 1/4" ACCELERATOR & GRINDER SPIKE INCLUDES:**

83000 Mini-Loader w/Sight Glass  
81105 Sensor  
81122 1 1/4" Accelerator  
81132 15 Feet of 1 1/4" Material Transfer Hose w/Clamps  
81146 10 Feet of 3/8" Air Line Tubing  
81230 Grinder Spike for 1 1/4" Accelerator  
81800 Single Loader Standard Control  
83040 6" x 6" Machine Mounting Plate  
Installation & Operational Manual

**83231 MINI-LOADER ASSEMBLY w/1 1/4" ACCELERATOR & GRINDER SPIKE INCLUDES:**

83000 Mini-Loader w/Sight Glass  
81105 Sensor  
81122 1 1/4" Accelerator  
81132 15 Feet of 1 1/4" Material Transfer Hose w/Clamps  
81146 10 Feet of 3/8" Air Line Tubing  
81230 Grinder Spike for 1 1/4" Accelerator  
83040 6" x 6" Machine Mounting Plate  
Installation & Operational Manual

**83240 MINI-LOADER HOPPER MOUNT ASSEMBLY w/1 1/4" ACCELERATOR & GRINDER SPIKE INCLUDES:**

83000 Mini-Loader w/Sight Glass  
81105 Sensor  
81122 1 1/4" Accelerator  
81132 15 Feet of 1 1/4" Material Transfer Hose w/Clamps  
81146 10 Feet of 3/8" Air Line Tubing  
81230 Grinder Spike for 1 1/4" Accelerator  
81800 Single Loader Standard Control  
83045 6" x 6" Hopper Mounting Plate  
83050 1" Tube w/Flange for Hopper Mounting  
Installation & Operational Manual

**83241 MINI-LOADER HOPPER MOUNT ASSEMBLY w/1 1/4" ACCELERATOR & GRINDER SPIKE INCLUDES:**

83000 Mini-Loader w/Sight Glass  
81105 Sensor  
81122 1 1/4" Accelerator  
81132 15 Feet of 1 1/4" Material Transfer Hose w/Clamps  
81146 10 Feet of 3/8" Air Line Tubing  
81230 Grinder Spike for 1 1/4" Accelerator  
83045 6" x 6" Hopper Mounting Plate  
83050 1" Tube w/Flange for Hopper Mounting  
Installation & Operational Manual



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**83250 MINI-LOADER ASSEMBLY w/1 1/4" ACCELERATOR & COLLECTOR BOX INCLUDES:**

83000	Mini-Loader w/Sight Glass
81105	Sensor
81122	1 1/4" Accelerator
81132	15 Feet of 1 1/4" Material Transfer Hose w/Clamps
81146	10 Feet of 3/8" Air Line Tubing
81800	Single Loader Standard Control
81900	Collector Box for 1 1/4" Accelerator
81900-05	Pickup Tube for 1 1/4" Accelerator
83040	6" x 6" Machine Mounting Plate Installation & Operational Manual

**83251 MINI-LOADER ASSEMBLY w/1 1/4" ACCELERATOR & COLLECTOR BOX INCLUDES:**

83000	Mini-Loader w/Sight Glass
81105	Sensor
81122	1 1/4" Accelerator
81132	15 Feet of 1 1/4" Material Transfer Hose w/Clamps
81146	10 Feet of 3/8" Air Line Tubing
81900	Collector Box for 1 1/4" Accelerator
81900-05	Pickup Tube for 1 1/4" Accelerator
83040	6" x 6" Machine Mounting Plate Installation & Operational Manual

**83260 MINI-LOADER HOPPER MOUNT ASSEMBLY w/1 1/4" ACCELERATOR & COLLECTOR BOX INCLUDES:**

83000	Mini-Loader w/Sight Glass
81105	Sensor
81122	1 1/4" Accelerator
81132	15 Feet of 1 1/4" Material Transfer Hose w/Clamps
81146	10 Feet of 3/8" Air Line Tubing
81800	Single Loader Standard Control
81900	Collector Box for 1 1/4" Accelerator
81900-05	Pickup Tube for 1 1/4" Accelerator
83045	6" x 6" Hopper Mounting Plate
83050	1" Tube w/Flange for Hopper Mounting Installation & Operational Manual

**83261 MINI-LOADER HOPPER MOUNT ASSEMBLY w/1 1/4" ACCELERATOR & COLLECTOR BOX INCLUDES:**

83000	Mini-Loader w/Sight Glass
81105	Sensor
81122	1 1/4" Accelerator
81132	15 Feet of 1 1/4" Material Transfer Hose w/Clamps
81146	10 Feet of 3/8" Air Line Tubing
81900	Collector Box for 1 1/4" Accelerator
81900-05	Pickup Tube for 1 1/4" Accelerator
83045	6" x 6" Hopper Mounting Plate
83050	1" Tube w/Flange for Hopper Mounting Installation & Operational Manual



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**83210 MINI-LOADER ASSEMBLY**  
**With 1 1/4" WAND INCLUDES:**



- 83000 Mini-Loader w/Sight Glass
- 81105 Sensor
- 81120 1 1/4" Wand
- 81131 10 Feet of 1 1/4" Material Transfer Hose w/Clamps
- 81146 10 Feet of 3/8" Air Line Tubing
- 81800 Single Loader Standard Control
- 83040 6" x 6" Machine Mounting Plate (Other Sizes Available)  
Installation & Operational Manual



**NOTE: Order 83211 for this assembly without 81800 control.**

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Packages**

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## 83220 MINI-LOADER HOPPER MOUNT ASSEMBLY

With 1 1/4" WAND INCLUDES:



- 83000 Mini-Loader w/Sight Glass
  - 81105 Sensor
  - 81120 1 1/4" Wand
  - 81132 15 Feet of 1 1/4" Material Transfer Hose w/Clamps
  - 81146 10 Feet of 3/8" Air Line Tubing
  - 81800 Single Loader Standard Control
  - 83045 6" x 6" Hopper Mounting Plate (Other Sizes Available)
  - 83050 1" Tube w/Flange for Hopper Mounting (Other Sizes Available)
- Installation & Operational Manual

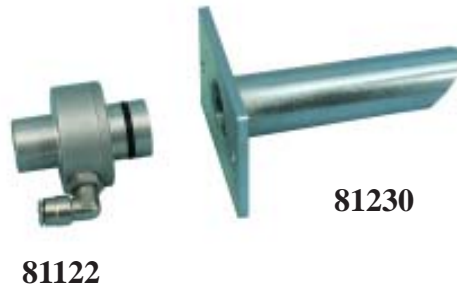


**NOTE:** Order 83221 for this assembly without 81800 control.

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**83230 MINI-LOADER ASSEMBLY**  
**With 1 1/4" ACCELERATOR & GRINDER SPIKE INCLUDES:**



- 83000 Mini-Loader w/Sight Glass
- 81105 Sensor
- 81122 1 1/4" Accelerator
- 81132 15 Feet of 1 1/4" Material Transfer Hose w/Clamps
- 81146 10 Feet of 3/8" Air Line Tubing
- 81230 Grinder Spike for 1 1/4" Accelerator
- 81800 Single Loader Standard Control
- 83040 6" x 6" Machine Mounting Plate (Other Sizes Available)  
Installation & Operational Manual

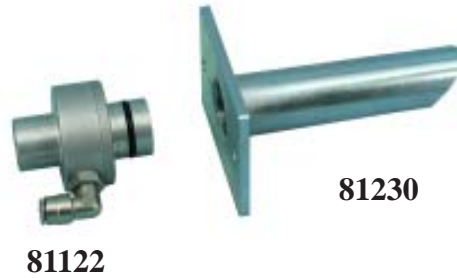


**NOTE: Order 83231 for this assembly without 81800 control.**



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**83240 MINI-LOADER HOPPER MOUNT ASSEMBLY**  
**With 1 1/4" ACCELERATOR & GRINDER SPIKE INCLUDES:**



- 83000 Mini-Loader w/Sight Glass
- 81105 Sensor
- 81122 1 1/4" Accelerator
- 81132 15 Feet of 1 1/4" Material Transfer Hose w/Clamps
- 81146 10 Feet of 3/8" Air Line Tubing
- 81230 Grinder Spike for 1 1/4" Accelerator
- 81800 Single Loader Standard Control
- 83045 6" x 6" Hopper Mounting Plate (Other Sizes Available)
- 83050 1" Tube w/Flange for Hopper Mounting (Other Sizes Available)
- Installation & Operational Manual



**NOTE: Order 83241 for this assembly without 81800 control.**

**83250 MINI-LOADER ASSEMBLY**  
**With 1 1/4" ACCELERATOR & COLLECTOR BOX INCLUDES:**



- 83000 Mini-Loader w/Sight Glass
- 81105 Sensor
- 81122 1 1/4" Accelerator
- 81132 15 Feet of 1 1/4" Material Transfer Hose w/Clamps
- 81146 10 Feet of 3/8" Air Line Tubing
- 81800 Single Loader Standard Control
- 81900 Collector Box for 1 1/4" Accelerator
- 81900-05 Pickup Tube for 1 1/4" Accelerator
- 83040 6" x 6" Machine Mounting Plate (Other Sizes Available)  
Installation & Operational Manual

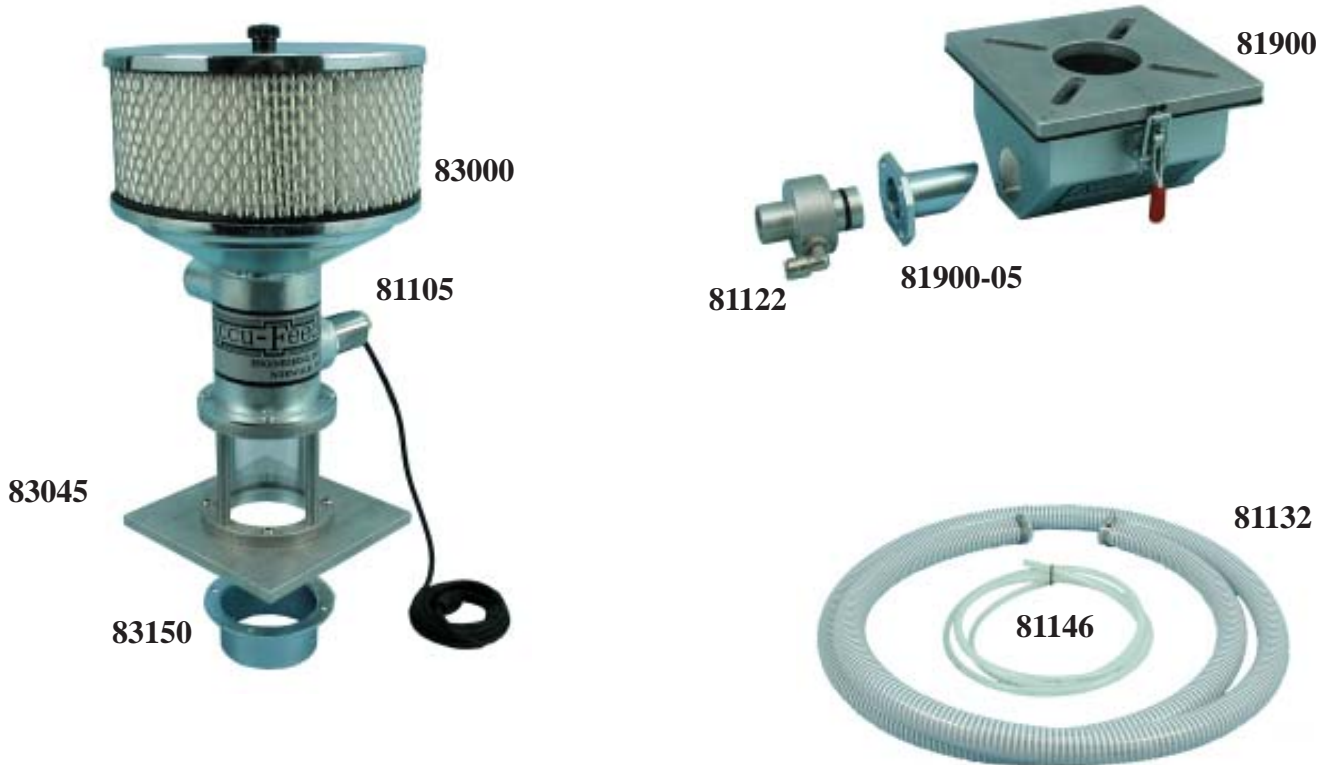


**NOTE:** Order 83251 for this assembly without 81800 control.

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**83260 MINI-LOADER HOPPER MOUNT ASSEMBLY**  
**With 1 1/4" ACCELERATOR & COLLECTOR BOX INCLUDES:**



- 83000 Mini-Loader w/Sight Glass
- 81105 Sensor
- 81122 1 1/4" Accelerator
- 81132 15 Feet of 1 1/4" Material Transfer Hose w/Clamps
- 81146 10 Feet of 3/8" Air Line Tubing
- 81800 Single Loader Standard Control
- 81900 Collector Box for 1 1/4" Accelerator
- 81900-05 Pickup Tube for 1 1/4" Accelerator
- 83045 6" x 6" Hopper Mounting Plate (Other Sizes Available)
- 83050 1" Tube w/Flange for Hopper Mounting (Other Sizes Available)
- Installation & Operational Manual



**NOTE: Order 83261 for this assembly without 81800 control.**

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## LOADER PARTS LIST

81000	Hopper Assembly w/Tube for 1 1/4" Hose
81001	Hopper Assembly w/Tube for 1 1/2" Hose
81002	Hopper Assembly w/Tube for (2) 1 1/4" Hoses
81003	Hopper Assembly w/Tube for 1 1/4" Hose & 1 1/2" Hose
81004	Hopper Assembly w/Tube for (2) 1 1/2" Hoses
81020	Hopper Assembly w/Flange for 1 1/4" Hose
81021	Hopper Assembly w/Flange for 1 1/2" Hose
81022	Hopper Assembly w/Flange for (2) 1 1/4" Hoses
81023	Hopper Assembly w/Flange for 1 1/4" Hose & 1 1/2" Hose
81024	Hopper Assembly w/Flange for (2) 1 1/2" Hoses
81040	Hopper w/Tube for 1 1/4" Hose
81041	Hopper w/Tube for 1 1/2" Hose
81042	Hopper w/Tube for (2) 1 1/4" Hoses
81043	Hopper w/Tube for (1) 1 1/4" Hose & (1) 1 1/2" Hose
81044	Hopper w/Tube for (2) 1 1/2" Hoses
81060	Hopper w/Flange for 1 1/4" Hose
81061	Hopper w/Flange for 1 1/2" Hose
81062	Hopper w/Flange for (2) 1 1/4" Hoses
81063	Hopper w/Flange for (1) 1 1/4" & (1) 1 1/2" Hose
81064	Hopper w/Flange for (2) 1 1/2" Hoses
81080	Baffle Assembly
16521	Autoload Jr Filter Adapter
81081	Air Filter (8" OD x 6 1/2" ID x 4")
81081-OS	Air Filter (7 1/4" OD x 3" ID x 4 15/16")
81082	Filter Cover w/Knob Assembly
81083	Filter Knob Assembly
81084	Filter Stud & Nut
81085	Screen Plate w/Gasket
81085-01	Screen Plate Gasket
81086	Latch (Filter Hold Down)
81087	Hopper Gasket
81090	Filter Bag Assembly for Standard Loader (12" x 20") (Cover, Clamp, Bag & Closure Bar)



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81090-01	Filter Bag Assembly for Mini-Loader (8 1/2" x 12") (Cover, Clamp, Bag & Closure Bar)
81092	Filter Bag for Standard Loader (12" x 20")
81092-01	Filter Bag for Mini-Loader (8 1/2" x 12")
81093	Closure Bar for Filter Bag (12" x 20" Standard Loader Bag)
81093-01	Closure Bar for Filter Bag (8 1/2" x 12" Mini-Loader Bag)
81097	Filter Bag Cover w/Knob Assembly
81100	3" Polycarbonate Sight Glass Assembly w/Sensor
81100-G	3" Glass Sight Glass Assembly w/Sensor
81100-01	End Bell for 3" Sight Glass
81100-03	Support Rods for 3" Sight Glass
81100-04	Tube (Polycarbonate) for 3" Sight Glass
81100-04-G	Tube (Glass) for 3" Sight Glass
81100-05	Tube Seal for 3" Sight Glass
81100-06	End Bell O-Ring for 3" Sight Glass
81100-07	Sensor Bracket for 3" Sight Glass
81100-08	Adjustment Knob for 3" Sight Glass
81101	8" Sight Glass Assembly w/Sensor
81101-10	Magnet Clips (2) for 8" Sight Glass
81101-12	Tube (Polycarbonate) for 8" Sight Glass
81101-13	Tube Seals (2) for 8" Sight Glass
81101-20	Magnet for 8" Sight Glass
81101-25	8" x 8" Mounting Plate for 8" Sight Glass
81101-26	10" x 10" Mounting Plate for 8" Sight Glass
81101-28	Sensor Bracket for 8" Sight Glass
81105-10	Standard Material Loader Sensor w/6' Long Cable
81105-11	Material Loader Sensor w/12' Lengthened Cable
81105-12	Hopper Disconnect Sensor w/3" Cable (Use with 81105-14 12' Extender Cable)
81105-13	6' Long Sensor Extender Cable
81105-14	12' Long Sensor Extender Cable
81110	Sight Glass Magnet (Tube Style) O/S
81110-01	Magnet Hole Plug
81111	Sight Glass Drop-In Magnet
81115	Hopper Drop-In Magnet
81120	1 1/4" Wand



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81120-01	1 1/4" Wand w/Inlet Tube Guard
81121	1 1/2" Wand
81121-01	1 1/2" Wand w/Inlet Tube Guard
81122	1 1/4" Accelerator
81123	1 1/2" Accelerator
81126	1 1/4" Wear-Resistant Wand
81127	1 1/2" Wear-Resistant Wand
81128	1 1/4" Wear-Resistant Accelerator
81129	1 1/2" Wear-Resistant Accelerator
81130	One Foot of 1 1/4" Material Transfer Hose
81131	Ten Feet of 1 1/4" Material Transfer Hose w/Clamps
81132	Fifteen Feet of 1 1/4" Material Transfer Hose w/Clamps
81133	One Foot of 1 1/2" Material Transfer Hose
81134	Ten Feet of 1 1/2" Material Transfer Hose w/Clamps
81135	Fifteen Feet of 1 1/2" Material Transfer Hose w/Clamps
81136	One Foot of 2" Material Transfer Hose
81137	Ten Feet of 2" Material Transfer Hose
81138	Hose Clamp (1 1/2" Material Transfer Hose)
81139	Hose Clamp (1 1/4" Material Transfer Hose)
81140	One Foot of 1/4" Plastic Air Line Tubing
81141	Ten Feet of 1/4" Plastic Air Line Tubing
81145	One Foot of 3/8" Plastic Air Line Tubing
81146	Ten Feet of 3/8" Plastic Air Line Tubing
81147	Fifteen Feet of 3/8" Plastic Air Line Tubing
81160	Vibrator Assembly w/Clamps for 1 1/4" Wand
81161	Vibrator Assembly w/Clamps for 1 1/2" Wand
81162	Vibrator
81168	Clamps for 1 1/4" Wand Vibrator
81169	Clamps for 1 1/2" Wand Vibrator
81180	Material Shut-off Valve for use w/Flanged Hopper
81180-01	Shut-off Valve Top Plate
81180-12	Tube Adapter Plate
81181	Material Shut-off Valve for use w/Tube Hopper
81200	11000 Series Base Unit Mounting Plate w/o Clamps



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81201	11000 Series Base Unit Mounting Plate w/Clamps
81202	12000 Series Feeder Mounting Plate w/o Clamps
81203	12000 Series Feeder Mounting Plate w/Clamps
81204	50500 Series Base Unit Mounting Plate
81205	50500 Series Feeder Mounting Plate
81206	50500 Series Feeder 4" Offset Adapter
81207	50500 Series Feeder 6" Offset Adapter
81219	Tube for Mounting Sight Glass Assembly on Regular Hopper
81220	Tube for Mounting Sight Glass Assembly on Drying Hopper
81221	1" Tube w/Flange for Hopper Mounting
81222	6" Tube w/Flange for Hopper Mounting (Drying Hopper)
81223	9" Tube w/Flange for Hopper Mounting (Drying Hopper)
81224	12" Tube w/Flange for Hopper Mounting (Drying Hopper)
81227	6" x 6" Plate for Tube w/Flange (To Cover Large Opening In Hopper)
81228	8" x 8" Plate for Tube w/Flange (To Cover Large Opening In Hopper)
81229	10" x 10" Plate for Tube w/Flange (To Cover Large Opening In Hopper)
81230	Grinder Spike for 1 1/4" Accelerator
81231	Grinder Spike for 1 1/2" Accelerator
81280	Remote Filter Assembly (30 Gallon)
81280-04	Filter Bag (30 Gallon Remote Filter Assembly)
81282	Remote Filter Assembly (5 Gallon)
81282-05	Filter Bag (5 Gallon Remote Filter Assembly)
81283	2" Y for Remote Filter Assembly
81300	5" x 5" Blank Machine Mounting Plate
81305	6" x 6" Blank Machine Mounting Plate
81310	7" x 7" Blank Machine Mounting Plate
81315	8" x 8" Blank Machine Mounting Plate
81320	10" x 10" Blank Machine Mounting Plate
81321	12" x 12" Blank Machine Mounting Plate
81800	Single Loader Standard Control
81800-1/2	Single Loader Standard Control w/1/2" Filter Regulator
81805	Single Loader Standard Control w/Low Level Alarm
81816	Single Loader Control w/Timer & Shut-off Valve Circuit
81830	Dual Loader Proportional Control (2 Tubes, 1 Sensor)





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81832	Dual Loader Standard Control (2 Loaders, 2 Sensors)
81900	Collector Box for 1 1/4" Accelerator
81900-01	8" Top Mounting Plate
81900-05	Pickup Tube for 1 1/4" Accelerator
81900-06	Pickup Tube for 1 1/2" Accelerator
81900-07	Clamp Spacer
81900-08	Strike Plate
81900-09	Tube Block-Off Plate
81900-10	Toggle Clamp
81900-11	Gasket for 81900 Collector Box
81901	10" Top Mounting Plate
81905	Collector Box for 1 1/2" Accelerator
81910	Collector Box for (2) 1 1/4" Accelerators
81915	Collector Box for (2) 1 1/2" Accelerators
81930	Blank Large Collector Box (3 1/2" to 8" Bolt Pattern)
81930-01	12" Top Mounting Plate (3 1/2" to 8" Bolt Pattern)
81930-10	Gasket for 81930 Large Collector Box
81931	Large Collector Box for 1 1/4" Accelerator
81932	Large Collector Box for (2) 1 1/4" Accelerators
81933	Large Collector Box for (3) 1 1/4" Accelerators
81934	Large Collector Box for (4) 1 1/4" Accelerators
81935	Large Collector Box for 1 1/2" Accelerator
81936	Large Collector Box for (2) 1 1/2" Accelerators
81937	Large Collector Box for (3) 1 1/2" Accelerators
81938	Large Collector Box for (4) 1 1/2" Accelerators
83000	Mini-Loader w/Sight Glass
83020-05	Sight Glass Tube (Mini-Loader)
83020-20	Inlet Tube & Sensor Body (Mini-Loader)
83020-21	Sight Glass Assembly (Mini-Loader)
83040	6" x 6" Machine Mounting Plate
83043	8" x 8" Machine Mounting Plate
83044	10" x 10" Machine Mounting Plate
83045	6" x 6" Hopper Mounting Plate
83047	8" x 8" Hopper Mounting Plate

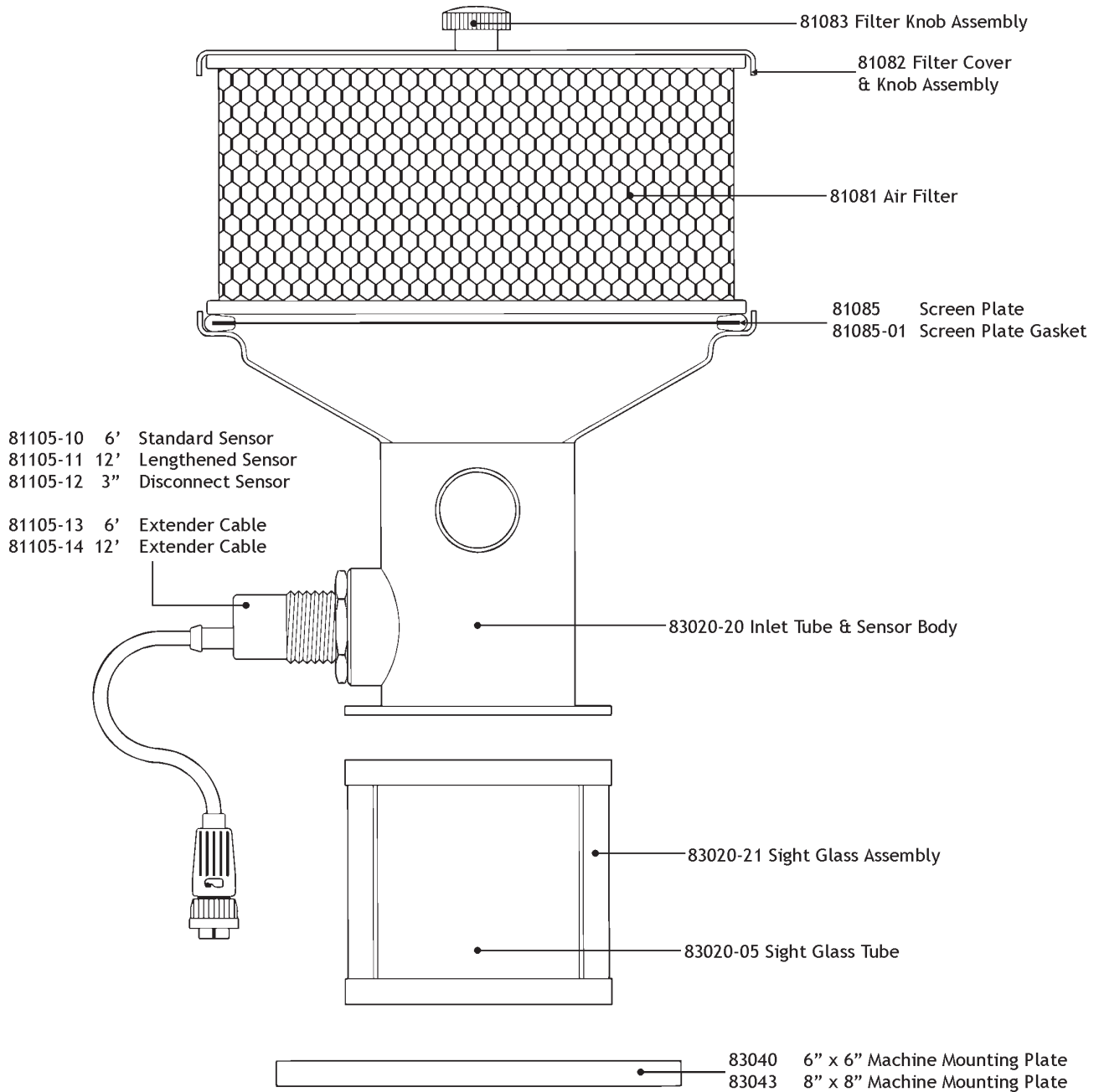




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83048	4" x 4" Hopper Mounting Plate
83050	1" Tube w/Flange for Hopper Mounting
83050-01	6" Tube w/Flange for Hopper Mounting
83050-02	9" Tube w/Flange for Hopper Mounting
83050-03	12" Tube w/Flange for Hopper Mounting
18-101	3/8" Air Valve w/120 Volt Solenoid
18-101-01	120 Volt Solenoid
18-103-E	Air Gauge 0-100 P.S.I. (1 1/2")
99-13-139	2 Pin Panel Socket (Conxall)
99-13-140	2 Pin Cable Plug w/Strain Relief (Conxall)
99-13-141	2 Pin Cable to Cable Connector w/Strain Relief

## MINI-LOADER w/MACHINE MOUNT OPTION



## MINI-LOADER w/HOPPER MOUNT OPTION

